

12/29/00  
U.S. PATENT AND TRADEMARK OFFICE  
STANT COMMISSIONER FOR PATENTS  
Washington, DC 20231

Transmitted herewith for filing is the patent application of

Inventor(s): Tim Olson, Ulf Osterberg, Dennis Healy, and Seung Choi

For: ELECTROMAGNETIC MATCHED FILTER BASED MULTIPLE ACCESS COMMUNICATIONS SYSTEMS

Also enclosed are:

7 Sheets of drawings

Recordation Form Cover Sheet - Patents Only and an Assignment of the invention to \_\_\_\_\_

Postcard and Express Mail Certification

The filing fee has been calculated as shown below:

	NO. OF CLAIMS FILED		NO. OF CLAIMS FROM BASIC FEE	NO. OF EXTRA CLAIMS
<b>TOTAL</b>	37	-	20 =	17
<b>INDEP.</b>	3	-	3 =	0
First presentation of multiple dependent claim				

SMALL ENTITY

RATE	BASIC FEE \$355.
x 9 =	\$
x40 =	\$
+135 =	\$

OTHER THAN SMALL ENTITY

RATE	BASIC FEE \$710.
x18 =	\$306
x80 =	\$
+270 =	\$

OR

TOTAL FEE \$        OR \$1016.00

Checks in the amount of \$621.00, \$40.00 and \$355.00 are enclosed to cover the official filing fee for a large entity.

A check in the amount of \$        is enclosed to cover the official filing fee for a small entity.

A check in the amount of \$        is enclosed to cover the recordal fee.

Please charge my Deposit Account No. 13-3405 in the amount of \$       . A duplicate copy of this sheet is enclosed.

In regard to this communication, the Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR §1.16 and any additional patent application processing fees under 37 CFR §1.17 or credit any overpayment to Deposit Account No. 13-3405. A duplicate copy of this sheet is enclosed.

During the pendency of this application, the Commissioner is hereby authorized to charge payment of any filing fees for presentation of extra claims under 37 CFR §1.16 and any patent application processing fees under 37 CFR §1.17 or credit any overpayment to Deposit Account No. 13-3405. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Paul A. Taufer, Reg. No. 35,703  
Schnader Harrison Segal & Lewis LLP  
1600 Market Street, 36th Floor  
Philadelphia, PA 19103  
Attorney for Applicants

PAT:djs  
(215) 563-1810

12/29/00  
U.S. PTO  
09/752292

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 36th Floor  
Examiner : 1600 Market Street  
Serial No. : Philadelphia, PA 19103  
Filed : Herewith  
Inventors : Tim Olson  
: Ulf Osterberg  
: Dennis Healy  
: Seung Choi  
Title : ELECTROMAGNETIC MATCHED  
: FILTER BASED MULTIPLE ACCESS  
: COMMUNICATIONS SYSTEMS

Docket: 1575-00

Dated: December 29, 2000

JCG18 U.S. PTO  
09/752392  
12/29/00

**Box Patent Application**

Assistant Commissioner for Patents  
Washington, DC 20231

**EXPRESS MAIL CERTIFICATION**

**37 C.F.R. §1.10**

Express Mail Label No.: EL618696543US

Date of Deposit: December 29, 2000

Description of Contents: Postcard, \$621.00 Check, \$40.00 Check, \$355.00 Check, Application Transmittal Letter, in duplicate, Specification including Claims and Abstract, and 7 Sheets of Drawings.

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to **Box Patent Application**, Assistant Commissioner for Patents, Washington, DC 20231.

Darleen J. Scholl

*(Typed or printed name of person mailing paper or fee)*

*Darleen J. Scholl*  
*(Signature of person mailing paper or fee)*